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TITLE: BACK LIGHT SYSTEM LIQUID CRYSTAL DISPLAY DEVICE

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ABSTRACT:

PURPOSE: To maintain the uniform brightness distribution of back light over a long period of time so that easy visibility is obtd. by disposing a glass plate to a diffusion plate on the side near the back light source.

CONSTITUTION: A cold cathode tube 6 which is the back light source is adapted to be provided in a plastic frame 5. The back light source part is constituted of the cold cathode tube 6, a reflection plate 7, a diffusion plate 8, and a

glass plate 9. The glass plate 9 has high strength and thermal deformation temp. and is not deformed even if the diffusion plate 8 is exposed to the heat of the light source for a long period of time. The diffusion plate 8, therefore, maintains always the specified relative positioned with the cold cathode tube 6 and the reflection plate 7 so that the specified face luminance distribution is obtd. on the diffusion plate 8 to irradiate a liquid crystal display element 1 from the rear face.

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